

- 970. Thomas, P.K., Chandrasekhar, K. and Haldorai, B. 1972.** An estimate of transpiration by *Eucalyptus globulus* from Nilgiris Watershed. *Indian For.*, 98(3):168-179.

Describes a new method to estimate the annual transpiration loss from a plantation of bluegum in the Nilgiris. The value is 3475 tonnes/ha of plantation, which works out to 3475 cm out of a total rainfall of about 130 cm. The transpiration ratio works out to 1:235. It has been indicated that afforestation of the highland watersheds will not much adversely affect the water yield to the existing reservoirs in this region.